FIG.1

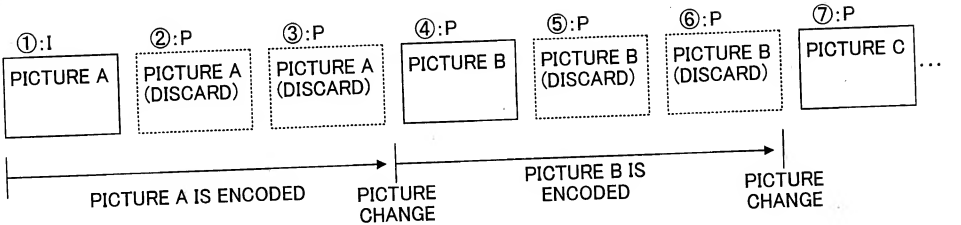

①:I
PICTURE A
②:P
PICTURE A (DISCARD)
③:P
PICTURE A (DISCARD)
④:P
PICTURE B
⑤:P
PICTURE B (DISCARD)
⑥:P
PICTURE B (DISCARD)
⑦:P
PICTURE C
...
PICTURE A IS ENCODED
PICTURE CHANGE
PICTURE B IS ENCODED
PICTURE CHANGE

FIG.2 PRIOR ART

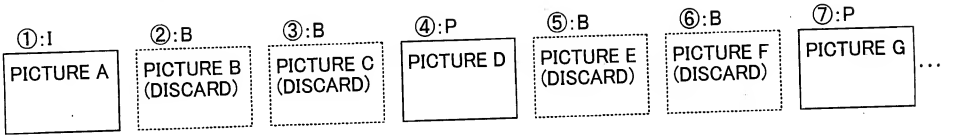


FIG.3

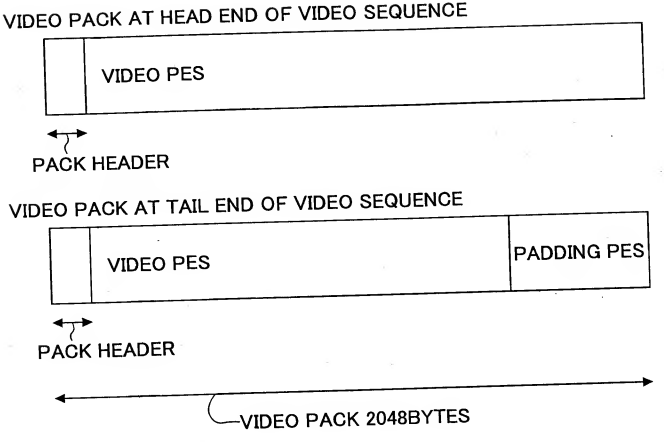

VIDEO PACK AT HEAD END OF VIDEO SEQUENCE
VIDEO PES
PACK HEADER
VIDEO PACK AT TAIL END OF VIDEO SEQUENCE
VIDEO PES
PADDING PES
PACK HEADER
VIDEO PACK 2048BYTES

FIG.4

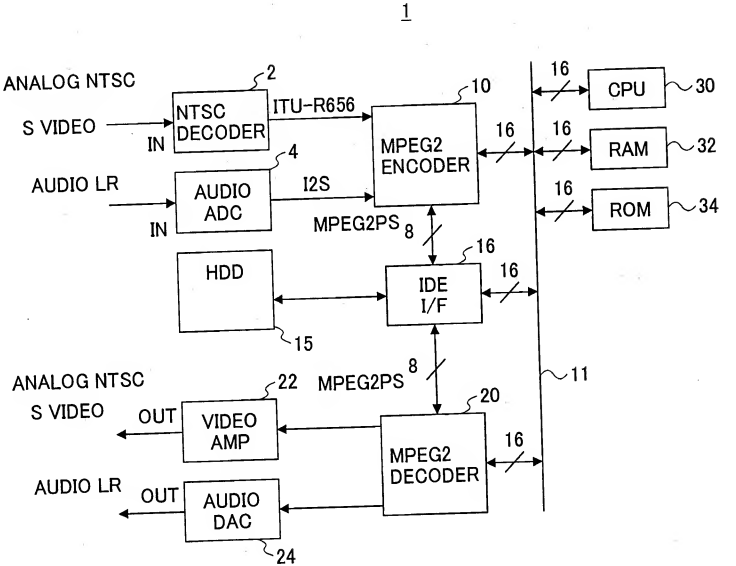

1
ANALOG NTSC
S VIDEO
IN
2
NTSC DECODER
ITU-R656
10
MPEG2 ENCODER
16
CPU
30
RAM
32
ROM
34
AUDIO LR
IN
4
AUDIO ADC
I2S
MPEG2PS
8
HDD
15
IDE I/F
11
ANALOG NTSC
S VIDEO
OUT
22
VIDEO AMP
MPEG2PS
8
20
MPEG2 DECODER
AUDIO LR
OUT
AUDIO DAC
24

FIG.5

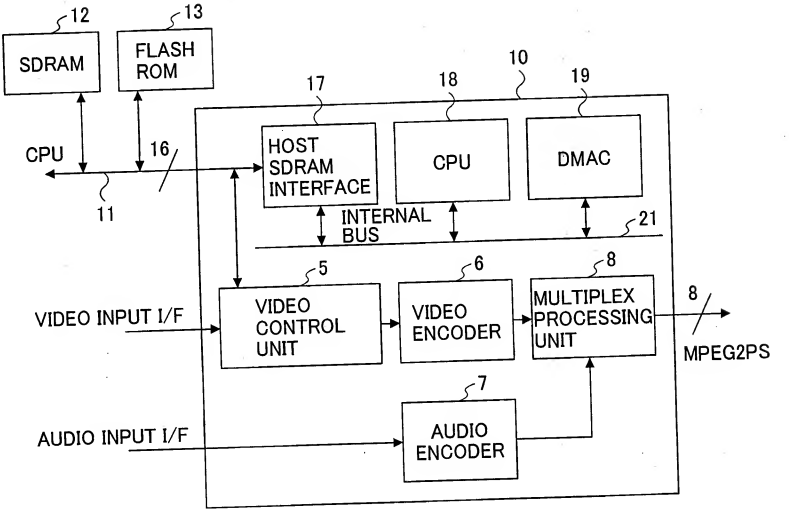
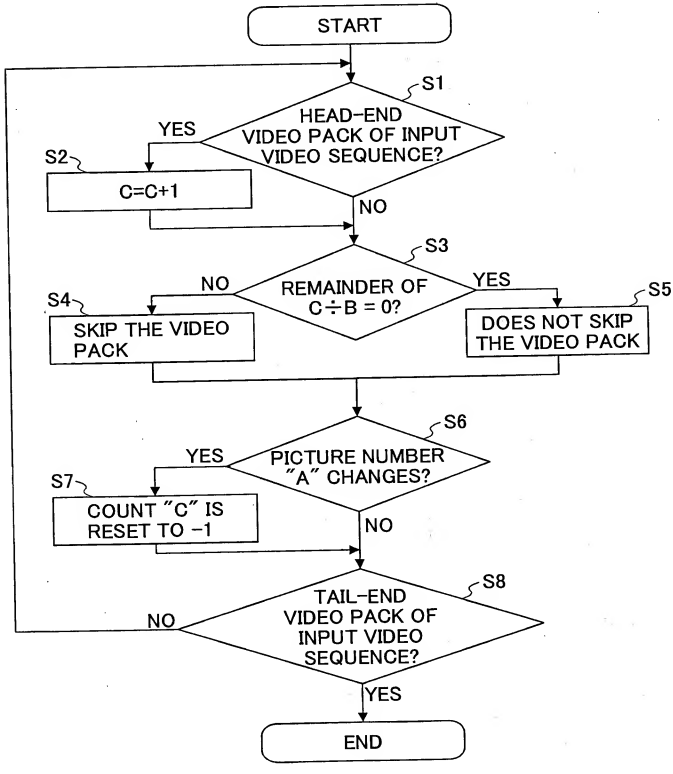

12
13
SDRAM
FLASH ROM
10
17
18
19
CPU
16
HOST SDRAM INTERFACE
CPU
DMAC
11
INTERNAL BUS
21
5
6
8
VIDEO INPUT I/F
VIDEO CONTROL UNIT
VIDEO ENCODER
MULTIPLEX PROCESSING UNIT
8
MPEG2PS
7
AUDIO INPUT I/F
AUDIO ENCODER

FIG.6


START
S1
HEAD-END VIDEO PACK OF INPUT VIDEO SEQUENCE?
YES
S2
C=C+1
NO
S3
REMAINDER OF C÷B = 0?
NO
YES
S4
SKIP THE VIDEO PACK
S5
DOES NOT SKIP THE VIDEO PACK
S6
PICTURE NUMBER "A" CHANGES?
YES
S7
COUNT "C" IS RESET TO -1
NO
S8
TAIL-END VIDEO PACK OF INPUT VIDEO SEQUENCE?
NO
YES
END